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	ATTORNEY'S DOCKET NUMBER 251134									
		TRANSMITTAL LETTER DESIGNATED/ELECTE	CLIENT REE NO 2/U/YU4							
		CONCERNING A SUBMISS	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Unassigned							
		TONAL APPLICATION NO. P2004/012508	INTERNATIONAL FILING DATE 2004 August 31 (2004.08.31)	PRIORITY DATE CLAIMED 2003 September 08 (2003.09.08)						
TITLE OF INVENTION MODIFIED PYRROLOQUINOLINE QUINONE (PQQ) DEPENDENT GLUCOSE DEHYDROGENASE EXCELLENT IN SUBSTRATE SPECIFICITY										
APPLICANT(S) FOR DO/EO/US										
TAKESHIMA, Seiji; MATSUMURA, Tadanobu; KISHIMOTO, Takahide; OKA, Masanori; HIRAYAMA, Noriaki Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1.	57									
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.								
3.	\boxtimes	This is an express request to begin national examination procedures (35 USC 371(f)).								
4.	\boxtimes	The US has been elected (PCT Article 31).								
5.	\boxtimes	A copy of the International Application as filed (35 USC 371(c)(2)) a. is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.	\boxtimes	An English language translation of the International Application as filed (35 USC 371(c)(2)). a. ☑ is attached hereto. b. ☐ has previously been submitted under 35 U.S.C. 154(d)(4).								
7.	\boxtimes	Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made.								
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).								
9.		An oath or declaration of the inventor(s) (35 USC 371(c)(4)).								
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).								
11.	Nuc a. b.	i.								
12. 13. 14. 15. 16. 17. 18. 19.	Items 12 to 20 below concern other document(s) or information included: 12.									

SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO-1390 (Modified) 1 U.S. APPLICATION NO? (if known see 37 (CFR 1.5) INTERNATIONAL APPLICATION NO PCT/JP2004/012508 251134 20060G/US The following fees are submitted: CALCULATIONS PTO USE ONLY 21. A Basic national fee \$300.00 22. X Examination Fee If international preliminary examination report prepared by USPTO and all claims satisfy \$200.00 All other situations 23. Search Fee USPTO was ISA \$400.00 Search report provided to USPTO by other entity \$400 All other situations TOTAL OF 21, 22 AND 23 = \$900.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for \$ each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction **Total Sheets** Extra Sheets **RATE** thereof (round up to a whole number) - 100 = / 50 = x \$250 ☐ Surcharge of \$130 for furnishing the National fee or oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)) \$ CLAIMS NUMBER FILED NUMBER EXTRA RATE **Total Claims** 18 - 20= 0 x \$ 50 \$0.00 Independent Claims 2 - 3= 0 x \$200 \$0.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 **TOTAL OF ABOVE CALCULATIONS =** \$900.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½ \$900.00 Processing fee of \$130 for furnishing English Translation later than 30 months from the earliest claimed priority date. **TOTAL NATIONAL FEE=** \$900.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property: TOTAL FEES ENCLOSED= \$900.00 Amount to be: refunded Amount to be charged: No fee is believed to be due. Please charge Deposit Account No. 12-1216 the total fee indicated above. Management The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO CUSTOMER NO. 23460: John Kilyk, Jr., Registration 810, 30,763

> ÆYDIG, VOIT & MAYER ÆTD. Two Prudential Plaza, Suite 4900 180 North Stetson Avenue Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)

Date: March 7, 2006

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IAP20 Rec'd PCT/PTO 07 MAR 2006

U.S	APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION N		ATTORNEY DOCKET NO.	CLIENT REF. NO.		
	🖪 🍙 Unassigned 🍙 🛣	PCT/JP2004/012508		251134	20060G/US		
. 20/2/0707							
	EV 709901258 US		March 7, 2006				
	"Express Mail" Mailing Number		Date of Deposit				
	International Patent Application, including all of the items the United States Postal Service "Express Mail Post Offic date indicated above and is addressed to Mail Stop PCT Alexandria, VA 22313-1450. John Kilyk, Jr. Typed or Printed Name of Person Making Deposit				7 CFR 1.10 on the Box 1450,		

JAP20 RECUPERTY 07 MAR 2006 VERIFICATION OF TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application No. PCT/JP2004/012508 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of the translator

Signature of the translator

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